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C·A·B INTERNATIONAL

C·A·B INTERNATIONAL (CABI), formerly the Commonwealth Agricultural Bureaux, is a cooperative not-for-profit organization owned, administered and financed by member governments. It was established in 1928, currently has 29 members, and has the status and privileges of an international organization in the UK. A new treaty-level constitution, giving CABI the status of an Inter-Governmental Organization, has received the necessary ratification by Member Countries and is now in the process of being registered with the U.N.

CABI's organizational structure comprises the Review Conference of member governments, which meets every five years; the Executive Council, with one representative from each member government, which meets four times per year; and the Directorate, including CABI Headquarters, its 4 Institutes and 11 Bureaux. The Director General is the chief executive, controlling the 410 staff, two thirds of whom are at managerial or professional level, through three Directors, for Information, Scientific and Administrative Services.

The organization exists to provide information, scientific and development services for agriculture and allied disciplines throughout the world.

INFORMATION SERVICES

The chief function of the Information Services is to provide ready access to published information on research in agriculture and allied disciplines, including rural development.

Over 100 scientists/linguists in CABI's eleven Bureaux, each one specialising in a particular subject area, scan the world literature, select the significant items, and prepare an informative abstract of each which is entered into the CAB ABSTRACTS bibliographic database. With some 2 million records in the database since 1973, and 3 million more in printed journals back to 1930, the total archive provides a unique encyclopaedic resource of unsurpassed reliability and quality.

The CAB ABSTRACTS database is publicly accessible online from major international online vendors. It is used to provide current awareness and retrospective information services in hard copy and machine-readable form. Chief among these are 46 printed abstract journals, which are taken by 10,000 subscribing organizations worldwide. New journals are started in response to changing users' needs or if sponsors guarantee the circulation. Users needing more specific information may select outputs that match their particular requirements, helped if necessary by CABI's subject experts; outputs are supplied as magnetic tape, computer printout, microfiche or floppy disk. The database is also available for testing on optical disk (CD-ROM), a new technology ideally suited to developing countries. To complete the service, photocopies of original articles are provided on request through the CABI Library Services.

Other functions of the Information Services include compilation of specialized databanks and directories, publication of primary journals, authoritative reviews and books, and training in information transfer for librarians, documentalists and information specialists.

SCIENTIFIC SERVICES

The Scientific Services of CABI are conducted by four Institutes, which provide an international service on pest identification and management. They deal with insect pests, fungal and bacterial agents, and human, animal and plant parasites and with all aspects and types of biological control of plant pests.

CAB International Institute of Entomology (CIE)

CIE provides an identification service for insects, mites and other arthropods, especially species that are of actual or potential importance as pests, parasitoids, predators and pollinators or are otherwise relevant to agriculture, forestry or related subjects. Contract research is also undertaken in these fields. The Institute's taxonomists work in the British Museum (Natural History) where they have access to the Museum's 23 million reference specimens of insects and mites, an incomparable aid to authoritative identifications and research on arthropod classification.

CAB International Mycological Institute (CMI)

CMI is the largest centre for systematic mycology in the world and provides a service for the identification of filamentous fungi and plant-pathogenic bacteria. It has about 300,000 dried reference specimens, a culture collection of more than 12,500 isolates, and extensive library, a Biodeterioration and Industrial Services Laboratory, a Biochemical Laboratory, and a Plant Pathology Liaison Unit. The Institute provides a wide range of consultancy and contract services for plant pathologists and industry. It incorporates the UK National Collection of Fungus Cultures and the Biodeterioration Centre.

CAB International Institute of Parasitology (CIP)

CIP provides an identification service for plant-parasitic and entomophilic nematodes, and helminth parasites of animals and man. The reference collections contain over 65,000 specimens, and an extensive specialist library is maintained. The Tropical Plant Nematology Advisory and Research Unit provides practical advice on plant-parasitic nematodes and their control worldwide, and the Institute also houses the WHO Filarial Reference Collection.

CAB International Institute of Biological Control (CIBC)

CIBC provides information and advice on biological control, undertakes research and implementation of programmes on biological control of major pests and weeds, and participates in integrated pest management programmes in association with other agencies. It has its headquarters in the UK but operates also from stations at Delémont, Switzerland; Rawalpindi, Pakistan; Nairobi, Kenya; and Curepe, Trinidad, West Indies.

All four Institutes carry out research, and offer a wide range of training activities from postgraduate studentships to special training courses both in the UK and abroad.

DEVELOPMENT SERVICES

The Development Services Group was established in 1986 to provide a sharper focus for CABI's consulting activities. It draws heavily on the unique scientific expertise and information resources available in the CABI Institutes and Bureaux, and its activities are backed by nearly sixty years of CABI involvement in science and world agriculture.

The Development Services offer practical advice and assistance on many pest-related or environmental problems in agriculture. Specific services include:

— project appraisal
— advice in a range of scientific disciplines
— research supervision
— research evaluation
— project implementation.

These services are offered in situations ranging from short-term individual consultancies to project components and major development projects. The current focus is on:

— integrated pest management programmes
— national crop protection services
— pest/disease identification and control
— crop-orientated pest and disease surveys.

One component of these activities that can be extended to any branch of agriculture or development is the provision of a comprehensive information service, involving expert review and analysis of all relevant literature.

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17	163	10	For ‘ *[Chilo sacchariphagus]* ’ read ‘ *[Chilo sacchariphagus sacchariphagus]*
47	482	8	For ‘ *brassicae* ’ read ‘ *rapae* ’
47	482	11	For ‘ *brassicae* ’ read ‘ *rapae* ’
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123	1135	13	For ‘ *Zizania latifolia* ’ read ‘ *Zizania latifolia* [*Z. caduciflora*] ’
160	1456	13–14	For ‘ *S. feltiae* ’ read ‘ *N. carpocapsae* ’
160	1156	18	For ‘ *S. feltiae* ’ read ‘ *N. carpocapsae* ’
174	1584	8	For ‘ *vigintio ctpunctata* ’ read ‘ *vigintioctopunctata* ’
192	1741	7	For ‘ *oryzivora* ’ read ‘ *oryzae* ’
234	2099	10	For ‘ *Pericalia* ’ read ‘ *Pericallia* ’
300	2631	6	For ‘ *Tox* ’ read ‘ *Trox* ’
310	2734	19	For ‘ *L. ligustrum* ’ read ‘ *L. lucidum* ’
365	3233	14	For ‘ *lanuginosa* ’ read ‘ *lanuginosum* ’
436	3822	6	Insert ‘in bees [*Apis mellifera*] ’ after ‘ infestation ’
441	3867	8	For ‘*eichhornia*’ read ‘*eichhorniae* ’
446	3908	9	Insert ‘ [*Sitobion avenae*] ’ after ‘ *avenae* ’
446	3914	6	Insert ‘ [*Laodelphax striatella*] ’ after ‘planthoppers ’
449	3939	7	Insert ‘ its synonym ’ after ‘ and ’
462	4060	14	Insert ‘ [*Lipaphis erysimi*] ’ after ‘ *pseudobrassicae* ’
464	4079	14	Insert ‘ [*Uroleucon sonchi*] ’ after ‘ *sonchi* ’
465	4085	14	For ‘ *Colaspis, Maecolaspis*’read ‘ *Colaspis* (and its synonym *Maecolaspis*) ’
465	4085	14	For ‘ *Disconicha* ’ read ‘ *Disonycha* ’
465	4085	14	For ‘ *Crytocephalus* ’ read ‘ *Cryptocephalus* ’
472	4142	9	Insert ‘ [*Phytonemus Pallidus*] ’ after ‘ *pallidus* ’
475	4177	6	Delete ‘ [*H. albizziae*] ’
475	4177	17	For ‘ *albizziae* read ‘ *anisocentra* ’
475	4179	11	Insert ‘ [*Choristoneura fumiferana*] ’ after ‘ budworm ’
477	4195	10	Insert ‘ [caused by *Bursaphelenchus xylophilus*] ’ after ‘ disease ’
482	4240	8	Insert ‘ [*Neodiprion sertifer*] ’ after ‘ *sertifer* ’
483	4241	6	For ‘ *urussovi* ’ read ‘ *urussovii* ’
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